

ABSTRACT OF THE DISCLOSURE

A vehicle having a chassis, front wheels each having an axis of rotation, and a suspension assembly for connecting the front wheels to the chassis. The suspension assembly is adapted to allow the front wheels to move transverse to their axes of rotation, but in opposite directions, in order to tilt the chassis. The suspension assembly includes a wheel orientation defining rod coupled to at least one of the front wheels, and a unit for pivotably coupling the wheel orientation defining rod to the chassis. The coupling unit ensures that a wheel orientation of the front wheel defined by the wheel orientation defining rod is essentially independent of movement of the front wheel transverse to the axis of rotation thereof.